St Louis Jan 13 1882

My dear Parry

You will be astonished about my long silence! The fact is, that this silence was a sort of unintentional diplomacy! You credit me with diplomatic tact, a thing that I never had and never thought of. But here in this instance, I find, that silence waiting for what might turn up, was really diplomacy. And another thing! I wanted to write you, but knew that Green would be with you just about the time my letter would have reached you and would be communicated and discussed, especially as I had received a letter from our ambitious friend that did not please me much and has thus far remained unanswered.

The situation has now cleared to a great extent, as you already know. Lemmon — you recollect that Mrs L wrote you about "Cupressus Lemmoni." — well, Lemmon writes now that finding that the Cypress was found by 3 different persons before he got hold of it, he gives up his claim, and I am enabled to do him a little tickling, which will settle him, for Gray sends me a genuine of L's finding which he, L, wants to name for wife. Gray is doubtful

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GEORGE ENGELMANN PAPERS

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about the species, which may be G. Wilkiani; but I consider it distinct and write so to L at Gray's request. Other new species of Lemmons however, G says, are old ones.

And then Gray as you know from him has taken the matter in hand, wrote a friendly but earnest letter to Greene, conversed also with Bigelow about those California plants, and seems to be in a fair way to get matters in good trim again.

Now you see that I could not discuss these matters in a letter, which may have reached you during Greene's presence. I shall now write to him soon and answer his letter. — He may have heard from you through that his Cupressus is certainly not any of the Mexican ones, which I know all, as I have told you some time ago, and which he has a right to learn.

But enough of this now.

I got a day or two ago a few plants from a Mr Congdon at Visalia, some Oaks and Cusumites, nothing particular.

That a Mr Cratty of Iowa has sent me a Sagittaria which may be new I have, I believe already told you months ago. I am reminded of it by a letter from him today

he has not alluded to it in his answer. I will send it to Gray for the herbarium. Yours truly, Sereno Watson.

~~I have also had communication from Sachs~~ ~~and get a few plants from him~~

Did I tell you that I had a letter from your friend Sachs dorf? His Juncus may prove a good species, though not new, as it is among Hall's, erroneously distributed as J. Mexicanus. But his new Sorbus will probably fall through.

And so poor Buran succumbed at last. I was prepared for it by your communication. Mrs P or somebody sent me a Davenport paper with the notice.

As to Lemmon again, I have never deserted any new species of his finding and so the complaint that I have not honored him is silly. And as to the Cypress, Greene has not published but has taken a step to it by vacantly set up C. Arizonica E. L. Greene. So, I suppose we have to submit and leave Gray the honor to have cursed himself.

If you get Juncus oblongifolius or any allies with nearly ripe fruit, you make a transverse section of the fresh fruit, and then find whether the Cotyledons are separate or not. I suspect that at Los Angeles or San Gabriel both oblongifolius and Douglasii are found, and that the former has united, the latter separate Cotyledons and that the leaves (entire or obscurely dentate) correspond; ~~short~~ if oblongifolius have also dentate leaves; then there are the distinct styles in ~~oblongifolius~~ Douglasii and the sessile stigmas in oblongifolius — but you

In connection with these matters I may give my criticism of Parry's Rhus Trifoliata and Toxicodendron. Rhus Trifoliata Parry is Rhus Toxicodendron Linn. I suppose will not admit it in his catalogue. Rhus Toxicodendron Linn. is a measure of poisonous nature. Rhus Toxicodendron Linn. is a measure of poisonous nature.

to Blanc for the kind

ly the

ed

go

today

must watch and find out whether these characters are constant?

I believe I have not yet acknowledged the receipt of the Cacti from Arizona. The yellow fruited is Op. Whipplei. The other is nothing but Echinocereus von Lehmannii.

You may tell Parish that after all he was right in his Euphorbia abscarnigiata, which I resolved about getting no fruit as I thought it might be new — it is nothing but a luxuriant form of the old species. I wrote to Wright a PC the other day that his S Bernardino Mountains spring is probably not E. Palmeri but perhaps an undescribed one — These perennial Esula-like Euphorbias multiply — Pringle got two new ones — Arizona and this may be a third; but neither Wright nor Parish have got seeds.

What about Cleveland? I find that I have a few copies of Lect. Boundary. Left and would gladly send him one, if I knew from him. — How is his health?

My nephew was with us till near Christmas when it grew warm days. I sent him off to Aiken S.C. where he is doing well. It was a long and severe sickness but I hope he will finally and completely recover.

Now this is one of the longest letters I have written for a long time — and I am pleased with myself — but send kind to Bob, James & Thurber, Asters & Goldings to Gray and will now finish Notes for printer.

You of course remember me to Mrs Parry.

Yours ever

J. Engelmann

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ST. LOUIS, MISSOURI, U. S. A.
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Mechan's Yucca has very long leaves!

GEO. ENGELMANN, M. D.
3003 Locust Street.

St. Louis, Mo., Jan 20 1882

Dear Parry

Last Sunday Mechan wrote about a new sp. of Yucca raised from your Utah seeds, and now I find a fragrant, warty capsule and short broad leaf, from you, decidedly referred to angustifolia. Do you recollect the plant and what can you say about it? What Mechan says is not convincing.

Nothing new here. I have sent my western Astery and Solidagos to Gray: he will probably extend his Manual to Cove of Rocky Mts. We have a very mild winter and I feel very well. Is West Texas or El Paso?

Yours truly GE

Do you think that your Yucca plants are pretty? Bailey says no. Perhaps you can say they are X

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POSTAL CARD

NOTHING BUT THE ADDRESS CAN BE PLACED ON THIS SIDE.

ST. LOUIS STATION
JAN 21 10AM

U.S. POSTAGE

Dr C C Parry
Colton
Calif

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San Gabriel Oaks – really evergreen? or leaves only holding on till end of winter?

GEO. ENGELMANN, M. D.

3003 *Locust Street.*

St. Louis, Mo., Jan 31 1882

Dear Parry

That is a good one! Startle me with a new Cupressus! The distichous foliage might have warned you, but if you had examined the seeds, you would probably have been satisfied that it could not be a Cupressus – I fortunately found a single one in the open cones, so as to convince the most skeptic that you have troubled yourself and me about Biota orientalis, a shrub or tree cultivated every where. At all events it had the good effect to draw this letter from me: the Cupressinous excitement having not quite given out under the Biotic disappointment

By the way, my nurseryman D. A. Miller in San Francisco has surprised me a few days ago by sending in place of Cactis as heretofore, two Cupressus from Lake County, the true Goveniana and McNabiana the latter don't seem to have been collected since Brewer got it there, and Miller found just as Brewer did, both in the same region. He beats you all, Lemmon, Greene, Parry, Kellogg et id omne genus!

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Now, don't be offended that I put you into that crowd!

It may cause your mind to learn that in a Mexican Collection (not yours!) I got the same Bidota without name as a native.

Your diplomatic letter of Jan 21 came on the 26th also paper with Ironwood, thanks.

Well, Greene is perhaps not quite wrong in what he thinks of Gray, but Gray is right in keeping the track (description and naming of new things) as clear as he can from rubbish which will have to be swept of afterwards and better be never put there; but Greene and Gray may come to pleasant terms about this matter. It is certainly very difficult to describe understandingly new things, unless you overlook the whole field — Schedule in the Texas Flora, not to speak of Buckley and Kellogg in California stumbled on good things but gave also plenty of unnecessary trouble. But still, Gray is not infallible and will submit to (I know that he even courts) opposition and correction.

With Lemmon I seem to be on the best terms get letters from him etc.

I proposed the same (1 descriptive, 2 geographical, 3 personal names) to Gray, but he said neither yes nor no!

Thanks for the Cucumbita, Meehan will be glad to get any seeds, and I can send, if you desire, to Kew, Paris, Antibes, Florence, Berlin, Vienna, St Petersburg. — You did not get among your Arizona Cucumbitas one thing, the Apodanthera. I got it, it grew here but did not flower (Creeps like a Melon — prostrate) — Why did the scamp not get the acorns "of every shape & size" & oblong, filix; that is just what we want, but enough! Yours ever

S Wright

Hucoahuesco

GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., Febr 14 1882

Dear Parry

Here is a lot of Plants which old Vasey sends for name, of his son's collecting. Not much of interest, except the Cactaceae; among them is your Opuntia from Yuma which I thought might be Davisii, and which you referred to echinocarpa. He sends also echinocarpa from Whitewater, but how different they look! If you ever get there again, you must investigate again.

But still more interesting is a new Opuntia from Yuma which seems to unite the flat spines of Clavatae with the sheath of the Cylindricae — also spiny ovarium, no flower nor fruit. Spines very numerous, sheaths very loose, some very long, 1 3/4 inches, whether prostrate or not, I dont know; have enquired about it.

Jones says he knows that Yucca and the exact locality, will watch for it this next fall or following spring when he may get there — but he says nothing about it. Dont compare it with Yaugustifolia. Do you?

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Well that Y. data is printed now, but they send me no extra copies, so can not send to you.

Botes is finished now, thank heaven. What next? I suppose odds and ends.

Gray gave me also a gentle tap for publishing that Scotts Mountain Eriogonum and Watson thinks it is the old Lobbii but I say no! You see two paragraphs in Pacific Rel Gazette which evidently come from Gray one very proper about pseudo-Darwinian vagaries* and the other about (Greene et al.?) species making — all very good.

Have also written to Michan about his Yucca from your seed; he said it is dry-blooming but M. is not always trustworthy; he has his head too full of too many things.

I wrote you Jan 31st and ought to get answer by this time; and writing for that I won't write any more now!

We have a very mild winter — heavy storms and cold north east, and with you, I see, also unusually cold, and not rain enough. How about that delightful climate? I still see the big icicles about S Bernardino November a year ago!

And so they are pushing that S Diego road —

Yours truly

J. Engelmann

*Mrs Putnam was expected here with Gray NO but seems not to have come.

*If anyone Gray Pacific

GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., March 7 1882

Dear Parry

I suppose before this reaches you you will have seen Pringle. He came here last week on his way to Colton and San Diego. He seems to be a little out with Sargent, who wants him to go in his or Willards interest north west wardly, and he very properly, I think, dont want to.

Your letter of 18th & O.C. of 20th came almost together. Thanks for all the good promises. Have written again to Jones about that Yucca.

I have the other day carefully looked over Mengelia of which I had three or four from Colorado last fall. All of you seem to have missed Nuttalls M pumila (bad name) special golden yellow, abundant in Ute Pass with an odd form of multiflora, that in Porters Ft. Colorado is called yellow. I have also found ornata on the hills about Pueblo.

Otherwise I have done nothing in botany — finished my Porter, and have one (or two?) new one from the Dalles of the Columbia (Howell) (which I did not see there!)

Yes I have seen Lemmons' croque about Chil Plumarine and its fiasco — but I learn that he insisted on it notwithstanding repeated warning.

Of course I want all sorts of Materials

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for Ephedra. We don't know whether there are not more than one species there.

I have written to Green but not heard from him yet; don't know whether he includes me in his wrath. Of course he will not be classed with Kellogg.

Mrs Putnam was here with husband & Betsy coming from New Orleans; wants you to come back right away to study diatoms, papers and write a great memorial paper.

I told her, I did not know whether you would not stay another year or you had invited me to spend next season with you in Sonora. She was very pleasant and interesting until she began her usual praising up of all her children one after the other, which becomes monotonous.

We have warm spring weather and seem to be not much behind your "subtropical" climate — Elm & maple in bloom.

I hope you will keep an eye on my pets — Oaks in all stages. I hardly can believe G oblongifolia truly evergreen; same with Grayi which on one hand is peculiarly close to oblongifolia, on the other hand, on the Santa Rita is very near to vetulata from which, however, I think, I find no difficulty to distinguish it. — Does Oaks become "mildew"?

Remember me kindly to Mrs Parry. How does she stand her "banishment" in the desert of California?

Yours Truly
G. Engelmann

GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., March 13th 1882

Dear Parry —

two P.C. this morning from San Diego surprised me. Good! Glad you are there and I should like to be with you.

I thought of you a great deal yesterday, assorting your old letters from several years, because I wanted to find notes about the acorns and Oak specimens you sent last fall. We have both bad habits and they can not blame one another. I did neglect to make a memorandum as soon as notes were received from you. You send specimens without any notes, and those notes come, if at all, weeks later, thus often making confusion.

Last fall or winter you sent several times specimens and notes.

I find specimens of Oak marked 1 and 2 two is no doubt oblongifolia and 1 I would take to be the same, with somewhat dentate leaves.

Then you sent acorns, also marked 1 and 2 and 1 seems to be Lange Douglasii and 2 oblongifolia. Unfortunately the Granulets and the acorns came in the same box. I do not now know, but I find them in that cigar box together.

Can you straighten that up — which a line at the time would have all made right — a stitch in time, you know!

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Now with the Agave fruit, received today, it is all right — except that it is torn off from the base so that I do not know whether closely sessile or stiped. Sargent called me a Pessimist and I am afraid you will fall in with him! Are the capsules very close in that (cultivated I suppose) specimen? crowded?

Do you see my friend Parker, the Photographer? Has he any more plant photos? He took mine when in Diego and promised to send a copy but never did. And our friend of the figs, Hitchcock, and the nice old gentleman, and his ichthyological daughter, Smith — Remember me to all of them and of course to Cleveland — I told you before, if he wants my Cacti, he can get them from me. I do not want him to be dissatisfied with me after he had been so kind and liberal.

And do not forget Epheda!!! and Batis and all our other friends on the Sand spit. Monanthochloe and that doubtful thing growing with it, which must be ~~Dimorphotheca~~ Atriplex decumbens — and your California which is S. Virginica, now for the Calif. flora.

I wish I was on that sandy shore with you! Will you row me over again?

I forget whether I sent my Pines paper to Cleveland? If he wants it he is welcome to it. Write soon —

Yours truly

S Engelmann

the enclosed for Boyle

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., March 24 1882

Dear Perry

You are a good boy however much I may complain and growl. Thanks for the which came to day Ephedra. How it reminds me of our road over to the Sand-spit 16 months ago. Yes though not in flower yet, you managed to get B & G and it is the same as your Kern River plant last year, and probably the same as our ~~white~~ Gorgonia pass plant; E. California — 3 leaved, 5 stamen, single seeds. "More anon" it came again without a word of introduction, except on the envelope, which as far as it goes is appreciated.

Here we have Leaven worthia Michauxii in white bloom; will watch it for fruit & seed. Got Lowe's note with your indorsement. It does not require a special answer but remember me to him; I shall send you and him my Asters which ought to get to hand any day.

Sargent sent me a few days ago a pine discovered by Palmer last year 1880

in Northern Mexico, but without locality or descriptive notes, such as it is new and very interesting, I want badly. The single one I must return to Sargent — I mean to describe it, but probably can avoid naming it Palmeri! I fear I am getting uncomfortable on those names (don't tell it to Lemmon or Greene)

I expect news from Pringle who now must be with you. Tell him his Spectes has come and though it has perished in glaring Type P. Mattelli, is P. Affowdii: that doubtful new one has not come to hand yet.

What about that Agave Shawii in fruit?

And what about my friends in San Diego?

Tell Jones that I had (I believe from Mr Parker) a pod full of seeds of Op. prolifera. O. Bigelovii also has often only a single seed, but occasionally several differing. His "Whipplei" must have been a rouser.

Heard from Thurber, was sick, gouty, blood spitting, but better now and in good humor, at least when he wrote.

Yours truly

G Engelmann

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., April 2d 1882

Dear Parry

Peaches in full bloom; 85° temp. today

Your of 20 came few days ago.

While you send notes of "Agave Havii" Curtiss sends notes and fl. and live plants of "A. Sisalana and A. rigida", with the pieces of coral still adhering to the roots.

Had a letter from Rusby, but have not heard from Ringle. I do not send him Bortes paper; he may look at yours; have sent it to Charlotte for him.

A Dr Havard of West Texas U.S.A. who has occasionally sent plants, gets a good set of oaks and I believe I can now make out Buckley's "Lobata and Durandii", which I believe belong together and are one good species. He also sends Astrophyllum (Rutaceae) which I had never seen.

I hope you will put aside specimens for us stay at home people.

Don't forget to look at Roses — always getting also young shoots from the ground. — Watson proposes for me to take them up or to send more to him. I suppose I shall do this latter with notes and memorand. I have enough on hand.

Ephedra I can not do anything in, until I have fuller material from S. Utah & Arizona especially about that "Torreyana" and the 2 and 3 leaved one (the same as Torreyana?)

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Torrey Bullet.

Lomis has an article in ~~Bot. Gazette~~ with his novellies, and some pretty free criticisms — but I suppose you have seen it. Yes, he ought to have selected something better. ~~Then~~ that Oxytheca? for Redding (was it to get a pass?) at all events, even if an Oxytheca it will have to bear the name of O. speziosa! So Redding has no chance at all!

So you will go back to Davenport in Sept and not wait for me, to eat grapes with you!

George and wife are going to Europe in June to be back end of Sept. I almost decide to stay out the hot summer here, perhaps to meet you in October?? Arrange with Parish for Cowan California — what do you say?

Here goes!

Greg has engaged me to print all my novellies in Amer. Nat. with his and Watson's and in Calif. Diagnoses,

Have sent a paper to Kimpfer Silliman decidedly Eichler's new morphology and paper on Fam. Pl. of Conifers.

I hope to hear often from you.

Mrs Perry has I suppose safely arrived — remember me to her if she should have forgot my existence!

Where is her sister?

Yours truly

J. Engelmann

Cleveland

Remember me to ~~Davenport~~ and other friends

GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., April 26 1882

Dear Parry

When you are with active young fellows like Jones, you must look to your laurels. Your card was rec'd yesterday, and today comes Jones' letter and specimens of the Carex and the Rosa; he says he found and <u>named</u> them before you did — and wants me to verify his guess. I consider both name, but shall wait a few days before answering, see whether you write any thing more.

Another curious missive from San Diego is the paper which Cleveland sends with the account of Jones' Sunday rest and Monday pistol. There must be an other side to this story, sure — but from all I see that Jones is making himself thoroughly disagreeable. He also writes that he collected the Eschscha for you to send me.

Jones does not mention Pringle's name at all.

Jones is the man, Jones for ever! How he will clash with Greene — by, he beats Green all hollow.

The thing becomes a little disgusting, or, may be, much so — one really does feel

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bad in such company, and feels like exclaiming: go it ye cripples!

Of Jones' sanity I have known long; but this goes a little too far.

I am anxious to hear from you and hope you are not too lazy ~~and~~ have written days ago so that I get a letter inside into these matters, before I answer Jones.

But that Rose is really a gem; his name, R. Hordida, is absurd.

I suspect George has written to you, to take me in charge — but I have not made up my mind, whether to stay here, go west or go to Europe. If I ever intend to go to Europe it is about high time, as I am getting "old and fat" lazy, good for nothing and generally superfluous.

Arizona and the Apaches must be wire just now. What does Bringle say — why does he not write?

Yours ever

G. Engelmann

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GEORGE ENGELMANN PAPERS

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war-ready!

Hooker writes: I do not think my opinion is worth anything as to comparison of R M & Sierra Conifers, all I say and stick to is that George I found only two Abies sp. in the Sierras, and only two from Yosemite to Shasta and neither of them had white bark — I could say that white bark makes specific difference — Brandegee has sent it Subalpina with snow white bark.

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GEORGE ENGELMANN PAPERS

Geo. Engelmann, M. D.
3003 *Locust Street.*

St. Louis, Mo., April 29 1882

Missouri Botanical Garden
George Engelmann Papers

Dear Parry

a couple of days ago I wrote you expecting your slow coach to overtake Jones' lightning express. Yesterday your letter and today the nice rose came — and I was doubly pleased to get a young stem's branch, which is so different and so characteristic; the leaves of the flowering branches are fascicled, from old spurs.

So the account of Jones foolishness is really true, I could hardly believe and do not now understand it..

I had to answer him and have done it just now, thanking him in a few lines for the specimens, telling him that I got the same from you, and that I did not know either the Rose or the Cereus.

But I can not now go ahead and describe both. I suppose he will do it as best he can, and thus will capture the two species! Let him, and be done with him. He did not send them to me to describe them, but to give my opinion; his names were all ready, as I told you.

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Now by the time these two letters reach San Diego I suppose both of you will have left; but you gave no other address and perhaps Mrs Parry is still in "Paradise" and will take care of this letter at least; Jones will see to his.

Thanks for the description of the two Carex; the gummy one must be curious; but we can not make anything of it, till we get flower and fruit. — You did not mention the stigmas of Cgloomentus Parry, = Maritimus Jones; in the Cattle's specimen there are 7 and they seem to be green, like those of the New Mexican glomerate ones.

Many of those Carex are mucilaginous, but I did not think that any amount of mucilage would do for caulking boats! Dont it dissolve in water? Did you bring any with you?

How pray, could Jones "force you" to walk? Did Bringle have a separate team? You must have been a more so, full of good nature and kindness, which was shamefully abused.

Would it not do to obstruct the Bot Gazette and Torry Bulletin for Jones? But who can do it? Nobody would dirty his hands with the thing. — Lesquereux has found his matter now by a long shot. How would it do for you to describe those plants and name? I would help you but enough! yours ever

G. Engelmann

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., May 11 1882

Dear Parry

thanks for the joint of Cereus "gummosus" but for heaven's sake, why send things thus dribbling? now I wait for the promised rib! and should like to study and describe at once, while my hand is ~~thing~~ in and the thing is fresh and exciting. This excitement Bridges also thus Cotton. There is nothing like what I call Nerve-stimuli of this kind — a new Cactus, a new Pine-tree, even a new Jimson will do for an emergency — — But I am ashamed of myself, when I catch myself in the same weakness that we deplore in our friends out there. However I can not take the blame entirely, for I am surely in no hurry to parade before the public — having kept a number of Cacti in my portfolio since 10 years or more.

It is useless for me to ask more questions about this Cereus; you say that it is arrogant — how high?

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Of course I do not want to cut up this joint, which seems nice, fresh and sound, to examine the "yellow" gummy, parenchyma. Is it soft, pulpy? All Cacti are more less so, more or less, you know; is this different when fresh? Your joint seems firm enough like any Cactus or more so than many. The grooves in the joint are narrow and sharp — but that may be while young; when older they probably are more shallow; also the nbs less tuberculated.

What will Jones do about the new Rose and Cereus "mastiness"? I wonder whether he got my letter — probably sent after him.

I got Agassiz & Peters Rev. from Pringle and answered — to Colton, as he directed.

I am vacillating between Europe and California, with an eastern inclination!

How long will you stay in Calif.? till Sept?

Yours ever

G. Engelmann

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

I gotta package of 50 very nice things from Lemmon today, of course some old friends among them.

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., May 15 1882

Dear Parry —

you see what a pattern of a correspondent I am! Today gives of 5th comes in with fl. of Cereus glomeratus, Perry (unless Jones has anticipated us) One more question about it. What is the colour of stigmas? Green, like those New Mexican and Arizona Echinocereus? In the dried specimen the colour is not so well marked as in those N Mexican ones.

One word more about Jones. He may send his new plants to Bot Gazette or Bot. Bulletin, and I can not, will not write to them about him and against him. So, let him publish, if he chooses but ignore him. Watson has proposed for me to do the whole roses of the country or to send him my notes, and material. I have consented to the latter but he now says he is not yet ready. Thus the new rose will probably remain undescribed, unless Jones does it!

I am also under a sort of promise to send my new things, to Gray in Latin phrase, to be published with his, instead of publishing in English in the Gazette, but it may be many months before an article is ready. I hear little of Gray; he must be very busy or is less given to letter writing than of old.

I must however consider the matter

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anew and see whether I can conscientiously publish the rose and Cereus; but I hate so, to soil my fingers with Jones, that I would ~~can~~ avoid anything which would look like stealing a mark on him. — Enough!

About my coming? I believe I wrote you last week about my plans; indefinite as they are. It is probable that I should prefer to go to Europe, after spending a month or so east, though I must confess that the prospect of being a month or two in such good company in such an interesting country might make me defer the European trip (perhaps till I am too old for it?). Do you expect to go to Europe?

I am anxious to hear about ~~Parry's~~ Parish's Agave. Parry's is unfortunately without fl. & fruiting stalk, and his description is so loose that I can not make head or tail of it; don't know whether it is spiked or paniculate. I have questioned him closely about it!

And now good bye, remember me to Mrs Parry.

Yours truly

G. Engelmann

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GEORGE ENGELMANN PAPERS

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GEO. ENGELMANN, M. D.

3003 *Locust Street.*

St. Louis, Mo., June 1st 1882

Dear Parry

I thought I was an exemplary letter writer, and much ahead of you, but here I find two letters of yours and two postals unanswered! I must make amends

Many thanks for the fine fresh joint of C. Bernardina. Yes, the spiky fruit, large irregular seeds being its near serpentine, and probably the colour of the flower, but I think it is distinct. Unfortunately the buds wont open, though apparently in excellent condition.

So you have left the south. Is it getting too hot for you there?

The other day I received by mail a card Mrs Comstock at the southern Hotel Friday Saturday and Sunday. I was several times there but could not find her, could not even learn if she was really there did not find her name in the register; went also to the Lindell, but she was neither there. I wish Mrs Parry would mention this if she writes to her.

You sent a Phoradendron some time ago. It is P. Bolleanum, for which compare Pl. Calif. Always on Juniperus etc. not more southward, and in North Mexico, but I have myself collected it in the Klamath region on Jun. occid.

Cereus gummosus has also come; how hazy

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and solid it is. I must have a chemical analysis of it — but what can it be but mucilage or sugar, and how could that do for caulking boats?

I had a letter from Pringle, also Parish and on the other side from Gray and Sargent; they want me there: cool and good to work!

My plans! I have given up Europe for this year; but whether I go east and study or west and loaf or stay at home and bring up arrears is undecided yet! As soon as I have made up my mind I will write. You say you may meet me in the Mountains, Summit? or at the eastern base, at Reno I believe. Will that be certain? Can I rely on it? Let me know at once and I will then telegraph if I do come and when. It would be nice to spend a few days in the mountains.

A female Ephedra (E. oxycarpa n. sp.) with Parish sends (from the San Pedro Mountains?) seems to be new, but the Gila water desert plant is same as the San Diego plant: E. Californica.

Thanks for the Agave of Parish, (Desert) but so far as I can see the flowers do not differ from Utahensis I wait for flowers and fruit from Parish. The specimen he sent is growing well here, but all the Utahensis have perished. All the Utah plants do not seem to

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GEORGE ENGELMANN
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be unable to stand our climate.

June 5th. You see I have been in doubt and undecided and thus did not finish this letter! I have at last decided not to leave here now, nor to go to California at all this year. The season is the same as two years ago; if I would go at all, it ought to be in April! And here I have so much to do.

I may take a short trip east, if driven out by heat, but at present it is cool enough for winter clothes & almost for fire.

I have opened several fl. buds of O. Bernardina and had today the pleasure to see one open naturally! Grenish yellow – 5 cuspidate petals, 5–7 white stigmas &c.

Meanwhile I got a card from Jones, that he had named the Rose R. Mexicana. I think that I will answer that I have already named & described it in the same and Bringle's request. I can not find a rose name describing the smallness of the leaves, that would be inappropriated; but it may be named inversa, the leaves being more deeply inverse-dentate than any I know of. I will send you specimens presently.

Lemmon sent some plants. I enclosed him $5.– but do not know whether he got the money. Poor fellow, if health fails him.

Gray is sailing June 21. I hope he will escape the Icebergs. I shall keep house – wont you join me?

Watson will send Palmer's Catalogue from Mexico. Doubt whether I can do much with them. – for me to name

I get today from Cleveland a Col of stupid cards and immature Jurors to name and he asks for Capt Boardman. I thought I had requested you to ask him about them. I send it over.

Now I am tired of writing as you of reading!

Don't lose roses shrubs you can get them — we also shelter ~~roses~~ they are creeping, slow-footed.

Yours truly

S Engelmann

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GEO. ENGELMANN, M. D.

3003 *Locust Street.*

St. Louis, Mo., June 12 1872

Dear Parry

Here is the Rose talk — you add what you have to say.

The lines about the flower got a little mixed up, so I copied them below.

~~For~~ I have a member of Cacti to publish, but am not ready, so I will let the C. glomeratus go for the present.

You see that I discarded the name of Rosa inermis for nitidula. I can not look at the pretty thing without being charmed with it

You may add the following to the Roses

This species is quite peculiar among its American congeners, and even among the Roses of the old world it is difficult to find its true position. In aspect and habit it comes nearest to the Pimpinellifoliae, on account of its single bracteless flowers and its numerous acicular spines, and its small leaves ~~but it recedes~~ from them ~~by the colour of the flowers (white in Pimpinellifolia)~~ and the pinnatifid calyx lobes.

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I am again in doubt about the name, as it strikes me that "nitidula" may be taken for a "shining" which our rose is not, and so I expect we have to fall back on "inrisa"

You eat cherries for me, we have nice strawberries here and sour cherries, peaches and apples come from the south.

Thanks for the Polygonum (not his Tonstica!

Have got a package from Pringle, not of much account — here answered to Hudson, where I hope he will do something in Cacti. Did I tell you that your Bernardina Lil Bloom at last!? have sent it to Meehan to grow it.

A letter from Becker urges me to come! We are all in a turmoil as Georg & wife are going in a few days.

Yours truly

G. Engelmann

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Rosa ~~nitidula~~ incisa n. sp. A low much branched shrub; young shoots pubescent, densely covered with straight or slightly recurved red brown bristly at first pubescent spines; their leaves with broad divaricately auricled stipules and mostly 5 leaflets; fertile branches bearing numerous terete subulate spines, some of the stouter and more persistent ones often in pairs under the branchlets; leaves fasciculated on short spurs, narrow stipules divaricately auricled, leaflets minute (only 1–2 lines long, the lowest pairs the smallest), oval, simply incise-dentate pubescent; flowers single 3/4 to 1 inch wide, on short tomentose bractless peduncles from between the fascicles of leaves; calyx globular densely setose-hispid, outer lobes pinnatifid; petals orbicular, scarcely emarginate, deep rose-purple; styles short, woolly, ~~fruit unknown~~ G. Engelmann.

+ lowest pairs the smallest

Described from specimens ~~sent~~ by Dr C C Parry and Prof M E Jones. – A most striking and lovely species, distinguished from all other roses by its minute, deeply incised leaflets. The young shoots have larger, distant ~~leaf~~ leaves, with fewer but larger leaflets, the terminal one the largest, sometimes 4 or 5 lines long.

+ lowest pairs the smallest) oval, simply incised-dentate, pubescent, not glandular; flowers single 3/4 to 1 inch wide on tomentose, bractless peduncles from between the fascicles of leaves, calyx-tube &c

GEO. ENGELMANN, M. D.

3003 *Locust Street.*

St. Louis, Mo., ... 188

My specimens of Ephedra variabilis are:

Frontera, Texas, April 1852 C. Parry ♂ & ♀

Wright N Mex no 1882 & 1883 ♂ & ♀ & nearly ripe fruit

Southern Utah Parry No 249 ♂ & ♀

? Arizona, Palmer 1867 N. 248 – only ♂

E. trifurca Uvalde, N Mex, Wislizenus,

Frontera Parry, Wright

Arizona, Lemmon, Pringle, Engelm

Colorado desert Parry!

What I have taken for a new species of Parish's and named oxycarpa, is probably also variabilis, from Agua Caliente

E. Nevadensis Nevada Ft. Engelm, Lemmon

Arizona Palmer (seed only which I raised, 1875)

St George Utah – all of Jones' specimens

" – a single ♂ specimen Parry 251

Mohave desert Pringle

" Parish No 1368

Arizona Lemmon

E. Torreyi I have only from you and perhaps Parish Mohave desert very stout, spring branches, divaricate which I have distinguished as E. spinosa is the same.

Six months ago I sent to Bebb at Rockford Ill my Calif. etc & Rocky Mt Willows coll. 1881 & 1882. The latter with analyses of fruit etc.

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I got a long and interesting account of them from him. Have you collected any willows last spring? If so you should send them to him. Your little willows from Mt Adams I have also sent him, all I have, and it seems to puzzle him „will study again".

July 12

Dear Parry

I had leisurely commenced to write, when today I got Jones' answer (from the Sierras, his last letter was, I believe, from Salt Lake). I enclose it to you, so that you may judge. I will be held responsible also, you see.

It is so cool and pleasant and I have so much to do, that I want stir as yet. Here comes also Chapman who publishes a new edition of his flora, and I have to help Euphorbiacea-

I find in Ephedra an important character in the form & number of the bracts under the fruit, whether free or connate; in the Rio Grande plant and in Lindheimers from the Guadalupe they are connate (M) in the former 2 in the latter 3 ryle seeds, in Nevadensis they are nearly free; fewer of them, and always 2 seeds. I have at enough material of Lindheimer's which I take for the true antisyphilitic to say whether distinct from pedunculata (Rio Grande & Mex) & trifurca has always subulate leaves in 3s

Rose cat in warpe, bad! soft bristles, no spines.

Thanks for Mrs Parry's „Konsistenlein" but I am not in need of any such commodity — am perfectly happy — occupying parlor with plants etc. Want you run down here?

Yours truly

J. Engelmann

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., June 17 1882

Dear Parry

I find that Wm M Gabb, the geologist, was dismissed, she – 1867 I believe travelled on muleback through all lower California and she made notes on Cacti and collected (very sparely – often only a branch of spines) specimens, which he left with me — that he found some of your things, among others our Cereus gummosus, which I described under the native name of Cereus Chirinole: "sandy plains near the coast from Solidad to Balleras Bay: an unarmed looking thing 2–3 feet long, 4–6 inches thick, older portions drying off, resting on the under surface" — looking from a distance like a lot of gnarled firewood thrown at ~~to~~ random. — ~~Cactus~~ He also found several gigantic Cereus. Among the small ones is one which I called Echinocereus pleriflorus, of which I have spines; the thing is like your glaucescens, but spines a little larger and plant also larger "1–3 feet across, many headed, ribs few" plant rather slender." This last dont fit. —

I have now devoted an entire (hot) day to these Alisochets. This last is Cereus cinerascens &c. and Palmer 1880 gets it for Parry, Sacchilli etc etc — and my old C. cancacanthus must be the same thing. ~~Your other~~ Cer. stramineus (your old deliciosus is perhaps too near it has much larger fruit though. Your 2d Echinocereus from St Louis is C. acifer and belongs to a distinct section. But these things were difficult to make out from the books with their miserable descriptions.

And here comes now a long missive from Jones in which he insists on his property in the Rose and Cereus, has a long talk about Bringle, whom the "had thought" an honest man — and wants me to

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send his letter to Pringle and Pringles answer to him !! Of course I shall do neither, but send a short note to Jones. — You are not even alluded to in the letter!

He alludes to a bargain made in starting that each one should have property in his discovery

You mention only Prof. Bolleter, have you also written to Bot. Gazette?

Of course you will never enter into such partnership again, but the proper way in such a case seems to be to have all the partners' names attached.

I have a few things from Pringle — Cupressus, Agave etc. and a letter from Thurber. He did not mention Curtis.

A lot of things from Parish, 2 Ephedras among them. All this has started me in Ephedrae, and I am working up the material now, which is good thanks to you and others.

George left a few days ago for Europe. I am alone — wont you pay me a visit?

Jones desire of notoriety has always disgusted me, his labels, first discovered by me in Colorado etc are ridiculous and I repeatedly very good naturedly and kindly told him so — that was in times gone by — also about his poor specimens, which I see Parish says are complained of.

The name irise does not please me for the rose — I thought of filiriza, fernlike, or minutifolia, but that is so long — I leave it with you; perhaps the last name pleases you best? Or have you already sent on?

This, begun several days ago I send now for what it is worth.

Yours truly

J Engelmann

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...MANN, M. D.
3003 Locust Street.

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GEORGE ENGELMANN PAPERS

St. Louis, Mo., July 3 1882

My dear Doctor

Here I come slidy down to Temperate Davenport, as if I had lost the proper balance!

I have got your long letter from S. Fr. and sent contents after revision and slight alteration to N York. You had preferred the name of minutifolia for the Rose; then your card, telling me that "microphylla" was a preoccupied name, had no meaning; both microphylla and parvifolia are old names. On the whole I prefer minutifolia to crassa.

Today I also got Gray's "Contributions". After all this labor and worry the Astors are not satisfactory! I see in it some your Lower Calif. Novitiae, Aesculus Parryi, Ribes Wormsfaliana &c, but you will have the same papers.

George & wife left here on the 15th and I am quite alone; and quite happy in my solitude, but have not gone to work energetically — perhaps owing to the hot weather. But have finished Ephedra as far as my material will permit, some of the most interesting things remain doubtfull. You know that Watson

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has united my scariosa and variabilis under Torreyi. Of scariosa I have only mature females from St George from you; ~~scariosa~~ variabilis comes from Zion and Wright from El Paso to St George and I have plenty of male and young female but no ripe females. I still think it distinct; but to be quite sure I ought to have mature ones and also males of Torreyi — scariosa.

Parish sends from the ~~Colorado~~ Mojave desert what I take to be a very robust rigid scariosa; nearly ripe, no male — I had at first taken it to be distinct and named it E. spinosa. What is your notions about those things?

What has become of Muir? Has he settled down as a grape & pear man?

That Cereus you can not make out, I had named flaviflorus and the other which was "like logs of fire wood tumbled over one another" Car Chirinole, the native name — all these unpublished.

How do you feel in Davenport? I suppose you will have to write a life of poor Putnam now at once. And how is Mrs Parry? All right? After two years absence!

Wilson is right, that Ephedra nevadensis is distinct from the Texan plant, but whether antisiphilitic and febrifugal belong to either or not I am not yet sure.

All what Jones got at St George is nevadensis; I have only a poor spec. of it from St George.

Yours truly

S. Watson

GEO. ENGELMANN, M. D.

3003 *Locust Street.*

St. Louis, Mo., July 27 1882

Dear P.

No, you do not see daylight in Ephedra, but only dim twilight, or else you would not send Triferina under the name of Torrey the other day. The subulate leaves always characterize the former. Watson wants to look over the genus with me, confesses that it is in muddle. "But what is not?"

So you have a new pass and may leave Davenport just when I would propose to come and see you — or do you want to take me along as "assistant" supernumerary

Pringle sends from Monterey Cupressus macrocarpa and on the hill back, with Pinus muricata, the other Cupressus, which he thinks, is only a stunted form of the former.

Parish has sent me his Pristella a curious little thing allied to Lobelia[ceae] it seems.

Gray wants me to get Montreal with him. I feel not much like it — propose to go to Canon City though and perhaps by way of Davenport if there was <u>only</u> Dr Parry there.

I am deep in Vitis which I work up

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for a Catalogue with figures of seeds.

I have not written to your Lower California Miss — hope you will attend to the correspondence yourself.

We are so deep in peaches here and commencing with grapes, that carpological studies can be made here quite satisfactorily, need not go elsewhere.

By the way you made me happy several months ago with a label: Hemizonia plumosa but the thing itself I have never seen!

You see I have not much to say but let me hear from you about your plans.

George writes from Berlin, on his way to Vienna.

Yours Truly

S Engelmann

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., Aug 4 1882

Dear Gray

here I have just a very kind and very pressing invitation of Mrs Putnam to spend a few days at their house. She had just heard from you that I intended to come north. I was obliged to decline. I find that I can not finish some work here soon enough, and then will have to go straight to Cambridge where I want to have some time with Gray before he goes to Montreal; for I do not intend to go there — unless may be he should force me to accompany him; but, seriously, I feel no desire to be in the crowd there, much as I should like to see some of those that will meet there. —

If you were not going west again I might say, I will come on my way back — but that would interfere with your plans and besides — more

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east, I shall probably go also to New York and Philadelphia, if I can hope to find people there.

Ephedra has made no progress. I am studying its morphology now. Had another letter from Jorney, which may remain unanswered, as it contains nothing new.

Boykle sends 2 Cypresses from Monterey and one from Santa Cruz — is going north now. He is inclined to consider that on the barren hill near Monterey distinct from that on Cypress point, and the same as the Santa Cruz plant = Goveniana. Though Neat first took them as identical.

Let me hear soon you soon

Yours truly

G. Engelmann

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., Aug 10 1882

Dear Parry

Your advise (to go to Cambridge after the Montreal Meeting) would not be so bad, if you did return immediately, which I doubt. But then, it comes to late. When your postal arrived today Ticket and Sleeper were already taken! But it is bad that I should not see you at all this year, not you nor your plants. I could come to Boston for a short time from Cambridge but by that time you will be on the other side of the watershed. When do you expect to leave?

I do not fear the heat of Cambridge, and expect to cool spell we have now is such an one, which goes clear through to the Atlantic and across it, and make it cool and pleasant at Cambridge.

I don't want to be dragged to Montreal but will not be too positive about it.

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I propose to stay with Gray as long as he is there, then go to Sargents who is not going to Montreal, but will leave early in Sept. Whether I go to Philadelphia will depend a good deal on the people there — if they are away, I won't go.

Your Sparganium has the fruit of S. ramosum, but the heads seem to be sessile — in the European ramosum only the upper most heads are sessile. I think it is nevertheless this species.

Write to me care of A Gray.

We are here in the fullness of excellent peaches, and grapes commencing — I leave all that in going to barren New England.

I see that in the rose paper I have left out the pinnatifid Calyx lobes by a sad neglect — though it comes in limping behind, in the last line.

Yours Truly

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GEORGE ENGELMANN PAPERS

G Engelmann

Quercus San Sabeana and Durandii Buckley are now at last well established, and are identical — but are a good spring call distinguished,

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Cambridge Aug 17 1882

Dear Perry

Your of Aug 13 came to hand yesterday. You are a little bit mad at me, but at the same time kind enough to extend your invitation till after the time of my Cambridge stay. It now looks as if I did not have to expect much here. I came on Monday — next Monday Dr Gray & wife and Wilson are going to Montreal — I do not feel like going at all, would go to Sargents, but he must be away from home as he answers no letters; nor does Wheelan so, if nobody is at home out here east I may as well pack up and come west again, and then I may avail myself of your kind invitation and come to Davenport by way of Lasalle. But I can not say anything about future moves.

As to my going to California — I have seen it in its autumnal dust and dont feel tempted to go there again. I want if I can to be in Arizona and Calif. Transition from April to June.

Yes I got the extras of the Rose paper and yesterday a note, P.C. from Jones, that as I had not paid attention to his request

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and rights he considered himself released from any further obligation to me. Respectfully Marcus E Jones.

So this episode of my life is ended! Mr Perry is perhaps half right, but I find that I could not have come later here — being, as it is, with Gray only one week.

Write again here, care A Gray.

Yours truly and "respectfully"

J Engelmann

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GEORGE ENGELMANN PAPERS

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

Brooklin
St. Louis, Mo., Sept 1st 1882

Dear Perry

I have your letter of Aug 29. I have now decided not to go to New York and Philadelphia, but will stay to Chicago, visit my brother at Lasalle and be with you at Davenport about end of next week, say 8th or 9th, if you will stay and wait for me. Otherwise I go direct from Lasalle home. Write to me at once to the care of H. Engelmann Lasalle, Ill and I will telegraph to you the hour of my arrival & Support X
Overhauling the things in the Arboretum I came on seedling Abies from your seeds 1871 (?) which are small and puny and odd looking, and I make them out A. concolor but where and where did you come across them, this and your specimens belong to subalpina? The specimens from my 1874 seeds are much more sturdy. They do not appear to have here subalpina at all

Sc Thank Engelmann can take charge

No I do not find Agave Whitzeni among Palmer's things — no Agave, I believe — but it turns up abundantly in West Texas, where I have specimens and living shoots from Dr Havard. At least, I take the plant to be Whitzeni.

I see a letter from Lemmon in Markham's paper, he says he will stay till Nov. in Arizona. Redfields death will be quite a blow to him.

We have been working up cactaceous and a new black lanuid species turns up from Texas, Cr. brevispina — I wish you would get your cactaceous in working order so that I can overhaul them.

Yours truly

G. Engelmann

Sargent is going northwestward on the North Pacific

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., Oct 30 1882

Dear Parry

Your Postal of Oct 19 came in time, thanks for the (scant) information, especially the remarkable news that you saw a Cupressus and did not collect it —. I felt savage about it, but when I made out from under the P.O. stamp that it was cultivated I cared less about it and forgave you. Don't you feel glad?

I get today a package from Orcutt with acorns (& foliage) quite interesting. Q. Palmeri with good and very large fruit, which I now can study, never had good fruit before. Then Q. pungens with germinating fruit, which I studied (connate cotyledons) and sent at once to Sargent to grow; Q. Emoryi so far west (with Pin Renyana)

Pringle gave no address, nor did you, so I send this to Academy.

Pringle sent a week ago a box with fruit of Agave Pringlei — so the label says. Who got it and where? Fruit and seed and attached or detached flowers are all fine, but I doubt whether we have Agave Pringlei here! It is fortunately not a mere capsule but a full branch of a panicle of considerable size. Now Pringle last spring

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such an Agave which he said had a spike (raceme?) 8 inches thick, if I recollect right; but this has ~~only~~ a panicle, like Parryi. nor does the only fruit obtained in spring seem like those now sent. I should like to hear more about it, and if there are two distinct species I want to know which is which and to obtain leaves of the last one, of which I have now fruit and seed; and we may then transfer the name of 'Polyglei' to this last. But I have a faint suspicion that this last one is nothing but A. Deserti, which in itself is not improbable.

What are you doing, work or enjoyment? Tell Greene if you see him, that I never got those plants (Oak & Cercocarpus) which he sent. Remember me to all friends, Baker especially, whose kind letter of last June I have shamefully neglected to answer.

I have got from you fruit of Cer. gummosus but scarcely ripe enough — and no flowers, which you promised. Thanks for favors, large or small!

We have delightful weather, no frost yet and plenty of grapes, thus I have no reason yet to envy you.

Am deep in Cactaceæ, not yet on Ephedra, but soon!

Yours ever

G. Engelmann

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

Engelmann

Nov 14/82

St. Louis, Mo., Nov 14 1882

My dear Parry

I am sorry indeed that you have been sick and unhappy but hope that by this time all that is over. That blessed Pacific country dont seem to love you as well as you love it (or her?)

Yes, if you say that flowers of the Cereus were in the little box, with the fruit, I must have thrown them out — perhaps they were in a little crumpled paper, which I may have taken for packing material. Forgive and send me another flower, which will be cared for better!

So Lemmon & wife have returned safe and sound from the arduous trip in Arizona of which I have read some in one of the bot. papers. I hope he will send me not only oaks but all his novelties, for which I expect to pay him. (and other valuable things)

I am very sorry about Pringle & Sargent unpleasantness. Pringle wrote me on his way home. Since then I have not heard from either him or Sargent.

What are Botanists coming to? Jones versus Parry & Engelmann & Pringle vs Sargent! Too bad. You say S. treated P "shamefully". There must be more than

MISSOURI BOTANICAL GARD
GEORGE ENGELMANN PAPERS

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than I know. It makes me think however, that Vasey may not have been so entirely in the wrong. What has become of him?

And how are our other friends. I hear nothing from them. Gray promised an Ark and a Cercocarpus which do not come. Asher I owe an answer to his most kind invitation of last summer, but I am such a lazy dog, that it requires a particularly cogent push, to unloose the ink in my pen.

Your Mattelsiana was a good find and came quite fresh, and, it seems, with good print. Now you know it and know it and will find that much abused has been dubbed with that name, is Gouviana. — And there, Cirio, is another locality for the species, which I have heretofore only from the Gepper region. Or is your Cirio plant cultivated? I believe you said so — Well, at all events it is the true thing. Now you look around in S. F. Lone Mtn Cemetery and elsewhere and see whether it is any where in cultivation there? I suspect that they cultivate in Europe is not always the true thing.

I heard from Parish lately. They were expecting you. — I also heard from Sachsdorf who sends some pucci for name.

They, it seems that unfortunate Abies bracteata is doomed to remain uncollected! Unless you should go there.

Yours ever

S. Lyman.

Where shall I direct to?

GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., Dec 13 1882

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

My dear Parry

What in heaven's name has become of you? Some 4 weeks ago I wrote you (as usual care of Academy) and a few days later sent a jubilant French exclamation of Crépin about Rosa minutifolia; but I can not get any thing from you — have asked Rothrock about you — will have to send detective — or a doctor? are you sick, lazy, good for nothing? Don't keep me in suspence!

I have now worked up all the new Ephedra material, which gives no new forms but confirmation of old ones. Still I feel not confident enough about some species.

Ephedra antisyphilitica and pedunculata are closely allied, the first with 1, the latter with 2 nuts, both with fleshy and edible red fruits when ripe. They are certainly closely allied and may belong together. Both Guadeloupe and Rio Frio to Sellowii.

E. variabilis and Torreyi seem well distinguished and Coryocarpa, though closely allied to variabilis, must be kept distinct; again

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E. Nevadensis and oxycarpa are closely allied the former with 2 the latter with 1 seed.

But your E. Californica with 2 nutlets is a myth — after carefully "analyzing" them I find that in every instance what seems two nutlets is a single split one! But how split? by pressure?

I am still at Vitis and hope to get through before New Year, but I have a severe attack of my old winter catarrh, cough and spit all night and feel rather low. I ought to be with you or in Florida, and with it also somewhat asthmatic, can not run and jump!

Orcutt's Guerros pungens from Lower Calif is germinating with me; some a few days the green tips of the stemlet appear above ground. I am watching it.

Now, this is a poor letter I know and I hope in two weeks — at Christmas or so, I will hear from you in answer

To day it is 50 years, that I landed in Baltimore! and we will empty a bottle of the best California Grape juice on the strength of this semi-centennial — and invite Dr Asher to join us. What say you?

Remember me to him and to all friends over there.

Yours ever

J. Engelmann

Guy jumped like a jay thing from a street car running and broke the shoulder — is getting well now and will be more careful!

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Dec 19/82

GEO. ENGELMANN, M. D.
3003 *Locust Street.*

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

St. Louis, Mo., Dec 19 1882

Dear Parry

here then is a sign of life and activity! I had written to you rather doubtfully a few days ago via San Francisco Academy, but this may reach you sooner, because Strut. do you are in the charming San Diego and Mr Perry is with you! How did that happen? Was she afraid you might run wild?

Yes a trip to Lower California, a little later, will probably be the thing.

That Agave troubles me; the foliage I have never seen, never got a leaf to study! Tell Orcutt, to send me one and a few terminal spines besides.

Origin and the Orcutt called the inflorescence a spike (racemes?) but Orcutt's specimen shows branches 6-7 inches long, so the inflorescence, being a raceme or a panicle (8 inches wide) must be at least 15 inches wide. Is it bottlebrush or how? The flowers resemble Deserti very much.

I do not know how you or Orcutt could have expected to sell much of a subtropical plant which could not be grown in Europe, except on the Mediterranean, if there. Besides that Cactus plants are getting out of fashion.

Did I ever say that I never got your Cer gummosus flowers? I must have been in a brown study, when I said so, for here it is all right, and I have soaked it to dry to study it; the petals must be very stiff and fleshy

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and have not lost their shape yet.

I am through with Opuntias, but must revise them after a while. I am not very positive that the limits of O. Tourneyana, it may include, as Wilson suggests, my varieties, which I now limit to some El Paso specimens collected by you and Wright 1851 or 2. All the St George specimens formerly named so by me belong to what I now call O. engelmanni and which comes from El Paso to Utah, Arizona and California; it is what Watson calls "one-seeded" O. newberrysii, but there is no doubt but it is distinct. I have also more specimens of O. phaeacantha; this is near my pedunculata, but always 1-seeded, the latter 2-seeded — both have red fleshy edible fruit (the Cactus!) O. phaeacantha is stout & scrappy, pedunculata very slender; but it is suspicious that both grow in same region, from the Guadalupe to Saltillo!

It is only now, from Palmer's 1880 coll. seen in Cambridge that I know the ripe fruit of these. If I had the ripe fruit of O. varieabilis, I might distinguish it from Tourneyana.

Dr Geo Barnes of San Diego sent to the Academy the other day "jumping seeds" from La Paz. They are the capsules of Acalypha tarbonsa, which our Acalyphas open elastically when they get dry after maturity, these burst when moist; scatter their seeds only when the ground is prepared by rain to receive them! A little too teleological?

Got a PC from Parish today, informing me of your safety at San Diego, and you would soon visit him. I had written to him, also acquiring for you!

Remember me most kindly to Mrs Parry.

Yours truly

S Engelmann

GEO. ENGELMANN, M. D.
3003 *Locust Street.*

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Dec 27/82

St. Louis, Mo., Dec 27 1882

Dear Parry

It seems that in this month I write letters enough to do for the short comings of last and of this coming year. But I can not help expressing my thanks for the fine specimens of Cereus gummosus flowers, which I got the other day; and let me tell you that they are much finer than those sent before, and thus it is very well that you (and I) thought I had never got the first! Well I will share with you as soon as you are within decent reach. If Mrs ... pressed them, she did extremely well. My compliments to her — but let us have more rose-specimens; Mr Crépin and every body is anxious for them. I enclose a paper he sent me a few days ago; he thinks it is quite a new type, different from any other old or new world roses.

I also send you my notice of Palmer new Mexican pine, a cone of which I got from Sargent (as a loan) put it in shape by soaking it, and figured it and sent it to Gardeners' Chronicle.

I got Orcutt's notice of Pin Parryana — probably sent by you (or by him? — if so, thank him for it)

You see that Crépin speaks of Rosa spithamea found by Rattan. Would it not be possible to get specimens from him, Rattan; or to induce him to further investigate it — find fruit etc — so as to ascertain whether Crépin is correct in supposing it to be a stunted form of R. Californica.

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Your Ephedra with 3 porulad, persistent leaves (or scales) and pointed branches is the old E. trifurca

I try some of the seeds of Abies balsamea, Pursh, to see whether they grow; I have some pungent from Orcutt's seeds growing.

I suppose you did not get all my postals or letters — as you do not mention them. They were all sent to the care of the Academy. and

now good bye. and happy New Year!

yours ever

S Rothrock

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

Jan 28/83

St. Louis, Mo., Jan 28 1883

Dear Parry

by the time this reaches you you will probably be back from your southern trip and can tell a good many startling stories and, that is better, send a good many curious specimens; I therefore write at once, to claim your attention. Your letter of Jan 11 came here the 18th — wonder why it usually takes 7 or 8 days with all your railroad communications.

Thanks for the curious fruit of Ribes vibrum. folicum. How is the fresh fruit? Juicy, acid, a gooseberry? has the seed a fleshy aril like the common Ribes species? Ought the fruit not constitute it a distinct genus?

If I do not take a particular interest in Gymnogonum etc it is because I know so little — next to nothing — about the cry. From what you say and Wilson says there seems to be very slight foundation for the genus Oxytheca, and you might "wash" it.

I am "pottering away" as Gray used to say of Torrey, on many things, and nothing in particular — I find that I am lazy and

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GEORGE ENGELMANN PAPERS

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good for nothing, perhaps getting too old — perhaps having nobody and nothing to push me, nothing to excite and interest me particularly. Those things come up unbidden, as did the Juncus and other of my hobbies.

No, I have not seen Agnes Newberry, nor will I, but I hope somebody else may, before I go off, and send dried and living specimens.

I hear occasionally from Silas, he seems to have a sort of a Cactus and plant trade.

You have heard that Gray, playing the youth, had a fall from a street car, injured his shoulder; he writes that his arm is still weak, and Wilson says, his general health seems to have suffered. I have a feeling as if it was not right, to bother him, so I write to him only if I have anything to say about Compositae. Let him finish them and then take a good long vacation again.

What is Green doing? I don't hear from him — and Lemmon?

I should like to see San Diego clothed in Green; it must be charming. — Have you been to point Loma? Or on our Sandback opposite town?

Remember me to my friends in San Diego.

What are your further plans?

Yours truly

G. Engelmann

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Geo. Engelmann, M. D.
3003 *Locust Street.*

St. Louis, Mo., ... 188

(After closing my hasty note, I find that I had not answered yours of Dec 29 and second postals. I did not know that I was such a poor correspondent — but then — I had nothing to communicate.

I got Orcutt leaves of Agave ~~[illegible]~~ at the same time as some from Pringle, so that I am all right about them, and on close study I find also some difference in the flower all of which induce me to recognize Agave Pringlei! And I rely somewhat on your judgement, she has seen both. I hope the inflorescence which both Pringle and Orcutt call spiente, ~~[illegible]~~ which is not, will also constitute a difference. Why can I not see and <u>watch</u> these things myself? Why?? — I suppose the <u>side curve</u> of the leaf that you urge, is found more or less in all Agaves, Yucca &c, and especially visible on the stem leaves (bracts)

Well, there is nothing like enterprise, and I hope the snow born Pinus Parryana will find it cool enough in France!

I have written to Rattan as you suggested, and have his answer.

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GEORGE ENGELMANN PAPERS

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He only collected a single specimen of the Rose and that he sent to Gray — where I have seen it. I'm going over the Sierras to Scotts Mountain and may pick it up again.

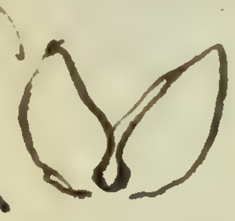
Yes, I should like to be with you about El Paso for that must be the head quarters of Ephedra. As I told you before there is trouble especially about what I call oxycarpa (similar to Nevadensis but with single seeds, long pedunculate slender growth — and that I called vaseyi with 2 or 3 leaves and bracts, which you and others got at El Paso, and which Wilson has joined with his Torreyana. Parish ought to get more and better specimens of his spinosa which I show to Torreyana.

Yes, antisyphilitica is a stout bush, much branched — but is similar in fl & fruit to pedunculata — red fleshy fruit (i.e. bracts!) sessile not pedunculate and single.

What we took all along for antisyphilitica is what Wilson correctly distinguishes as Nevadensis both have similar habit — but different bracts and fruits. I have not seen Nevadensis east of Utah — where it is the most common species.

One of the characters of these things is in the number (though somewhat variable) of bracts and especially in the way they are united or not

well, you find gen.



bracts contracted at base.
oxycarpa

antisyph nevadensis

We have had terribly cold weather for 3 to 4 days below zero, but I stood it well.

Thanks for Gymnosperm seeds! they are ripe! I got now also at last flower/dried and fruit (fresh) of Op. Davisii very distinct from any thing we had before: no spines on fruit, fr. more like arborescens fl. yellowish

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GEORGE ENGELMANN PAPERS

GEO. ENGELMANN, M. D.
3003 *Locust Street.*

Engelmann

St. Louis, Mo., Febr 18 1883

My dear Parry

What a strange freak of fancy, to call this thing a Ptelea! Thus I thought when I opened the paper and saw those drupes so unlike the wing fruit as can be, but then, before I put me down on record, I thought I better make sure and examine and compare; and lo and behold, the inside of the drupe and the seed is as good and genuine a Ptelea as any one can desire, in fact, undistinguishable from the other Pteleas, the black crusty testa undulate, the large flat embryo surrounded by a thin albumen (the figure in Gray's Genera represents, as he already suggests, an incompletely developed seed!). I tried hard to find in Bentl & Hook an allied genus into which this novelty might fit, but could not, thus, I suppose, the "winged samara" must be given up, and your name of Ptelea aptera will stand, and if ever a name is better than Ptelea Parryi, it is Pt. aptera!

But your Ribes fruit belie your former one seeded ones — one berry, which I opened, had 3 seeds!

I send fruit of Ptelea angustifolia from Texas

So our Monument locality is the northern limit of Agave Shawii; I thought so, but you probably had no ripe seed — will Mott get some later? Thanks for the measurements — but what means "candy 3 ft"

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I know that there is a tolerably long stem or trunk or candex, covered with leaves — have your more complete plants a naked trunk, 3 feet high? like some tropical or Florida Agaves? I doubt it, for those stem making Agaves do not die after flowering.

Tell me how Gray's red Cereus differs from our old New Mexican friend C. phoenicineus: more nibs, more spines, smaller flowers, but nothing essential.

What a "horrid" sight must be those thousand Roses — especially if they should shoot.

Now having answered your letter it remains to speak of our miserable winter and of me.

The first cold spell in December, when the frost burst the Pitcher in my bed room, and I washed in real ice water, I stood capitally well, but the second bore cal spell in January broke me and the third in February completely wrecked me. I am charmingly as when in Colorado 9 years ago. Mrs Perry threatened me with butter and vinegar and shut me, and thus scared the cold away. I had lost my appetite & got thin and melancholy; at the same I went out to see a few patients, much to the chagrin of George, and a week ago went in a cold night to an accouchement; but these things don't make me worse, only keep me from getting well — I have often thought: I wish I was in Dixie! but Dixie is bad this winter, so Chapman writes me, she has been very sick — and Texas is cader, so nothing remains but sweet arid San Diego! But I am getting better.

And now, as the schoolgirl says, the paper is [happily] at an end, and I must close. Don't you forget to remember me to my lady friends P. & S. and to Mrs C.

Yours truly G. Engelmann

GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., April 2 1883

Dear Parry

A long time ago I got a postal from you saying that my letter, just received, required a fuller answer. I have been waiting for that answer ever since but it dont come. Meanwhile I have been as you know, quite sick, am better now, but fear that heart trouble is developing; I am a good deal better, however, now and go out rather wide out on fine spring days — but there are so few of them — since 9 days or 10 we yet — today slight snow — no sign of spring sunshine —

I have written to Orutt some time ago and added a note for you, about that curious shrub; I cannot make out anything but a tetramerous, latexous Euphorbiaceous plant; nearly allied to Phyllanthus want flowering and fruiting specimens, i.e. ripe fruit. Yours were quite immature. It might be called Tetramerum or Tetras from lower lat

I thought your Cypress, which I got through Sargent, was Goveriana, but a bit of flaky bark, red underneath looks like Guadalupensis. How is that? Why do you not give a description of the tree, and wood and old bark? or better still, specimens

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you did not write to me at all about it.

Thanks for the Pinus Torreyana. Did you adopt it? Just now, while writing the Carrier brings Quercus Cobata from Soulare County — fine specimens, thank you! Now for the other Oaks within your reach!

I got from Wright nice galls on Chrysolepis, but he declines my thanks and writes that they are due to you.

I get also today Torry Bulletin full of ferns of Davenport, Lemmon etc. I do not hear anything from Lemmon, perhaps not for 8 or 9 months. What has become of him? He used to send me his novelties, for which I paid at the rate of $10.– per 100; but he has sent nothing lately.

Your Pinus Torreyana male flowers are wanted. Nobody ever got them.

Your article in Ex. Bulletin has also been received. I believe I told you already that in some fruits of your new Ribes, which you send, I found 3 seeds

Rumex hymenosepalus is well known among the New Mexico Indians as tanning material, but nobody ever informed us of tubers, and the Herb. specimens looked like annuals — Now, you have explained the mystery; good! How do they grow, like potatoes?

This is to tell you, that I am not dead yet — but pretty badly scalded. We will hope for the best.

Yours ever

J. Engelmann

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

How is Cleveland doing?
Going abroad?

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., April 22 1883

Dear Parry

yesterday yours of April 13 and package of seed arrived. Thanks for the unusually extensive letter. Yes, I should like to be with you on Monte Diablo, but fear the heart would not permit.

I was, as I intimated, glad to get your letter — thankful for the contents, but mad — mad, that you coolly describe that Cupressus and dont send a fragment of that log, you speak of, 18 in. diam.; I did not want to ask if I could only get a slice of bark with an inch or two of wood — but my good friend Parry does not think of such things, though he sent a specimen of the branch by way of Brooklyn — why not the bark the same way — your word is good enough about the "flakes peeling" but then, you know, seeing and feeling is better. Bridgle used to send me all sorts of Juniper & Cedar woods — but then — Bridgle knew what I wanted.

Yes I am over cholered to say that your tree is guadalupensis, that Arizonica is different and that Blanco Sallo's Cedar is = Arizonica. I saw his specimens in Cambridge.

So, then, see that I get what I want and must have of that Cypress. — You will find

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in this impatience some of the old girl — but — but I fear it is as we say in German only a straw-fire — soon burnt out. — I feel ~~Enraged~~ and good for nothing yet — can not get warmed up about Arctostaphylos; but will say that the common Uva Ursi occurs with connate stems or separate ones, and botanists have made species and genera off it, which won't stand.

Poskegle was here yesterday on his way to El Paso and Arizona, perhaps Chihuahua. — I have tried to beat Ephedrine into him (in Boston &c). He seems somewhat reconciled to Sargent, thinks the trouble is more owing to the N York people than to Sargent. I found 1 good seed in the Tetranova capsules; also several with 3 rooi!

Planostegii degens would be better than pulchra

I wrote Lemmon a few days ago, wanted him to get Juncus Kelloggii (1–1½ inches high, tufted, in sandy depressions probably at Lone mountain and there is not sand) I fear Lemmon too much every where. Now I fear Tulkus Tulkus; and perhaps my friend Parry lazy — lazy — So, who will get Juncus Kelloggii!

Kindest regards to Asher — if he had as many letters as I think of him, he would throw them all in that fire of the Acad Herb. rubbish.

Remember me to Mrs Parry, thanks for her good wishes; I certainly will not be young again but have some hopes of getting along for a while yet

Yours Truly

G Engelmann

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., April 27 1883

Dear Perry

in Jan 1881 you obtained near Fort Yuma an opuntia (growing with O. tessulata) which I thought might be O Davisii — do you recollect it?

I have now fruit a seed of the true O. Davisii from West Texas. It has fleshy fruit, not spiny at. The Yuma thing is very different, and the dry brittle fruit is much like echinocarpa. May it not be a form of echinocarpa?

In your first rarely fledged expedition with Owen you found in Minnesota what was called Echinodorus subulatus. Do you recollect anything about it? The people who make up the Agr. geol survey want to learn if possible. Is it not what I afterwards called E. pusillus? A small [illegible] thing. May bother me a good deal and send the other day fragments of I believe #3 opuntias from that State, fragilis Missouriensis & Rafinesqui

Today (date of the letter — the balance was written several days ago) I got your postal from Colton and the oaks — you are after all a pretty good fellow, and as you send nice specimens of Q. oblongifolia with date and locality I may overlook the absence of either in Q. agrifolia — this is an interesting form, which I have also seen from Southern

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California, but never in flowers.

I have had a long letter the other day from Baron von Muller, with the usual bombast &c: my noble friend, etc. He complains that he can get nothing from Barrocta. I have directed him to Schaffner, who may if he feels like it, tell him what woods are used for building, flooring etc. I warned him, though, that Schaffner was not very accomodating.

I have been gradually improving till last week, when with a change of weather I had a bad relapse. I can not eat now, am as weak as a cat, short breath, bad cough, a miserable object! I hope to recruit enough to go east in June and with George & wife to Europe June 23d. passage engaged on an Antwerp steamer

So there is no Monte Diablo for me this year. Parish writes that he can not do much in Gotting this year — must work, work.

By the way do you find the San Gabriel pinus the same as the one now sent? at all events it does not seem to be evergreen but that may vary with the latitude.

I should like to spend an evening with Behr, though I could not join him in Beer or Wine and not talk very much; but I could listen. remember me to him and to our other friends — Kellogg, Greene, Lemmon — will any one find Lemmon Kelloggii for me and gather enough to satisfy the Colonial world that there is no humbug about it. They may suggest it!

Yours truly

G. Engelmann

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., May 20 1883

Dear Parry

your letter of May 9 came several days ago. So Monte Diablo is stripped of its charms! What now? Lower California? It seems to me too barren, has no enchantment. How would the Gulfcoast do, Guaymas? —

Siler keeps active, he has sent me the other day two Mamillaria — looking Echinocactus both in bud — now blooming — which though distinct looking prove the same; I name it C. Silesii — I have now 3 such Echinocactus in our flora E. polycephalus in New Mexico, E. Simpsonii in Colorado, Utah & Arizona Terr, and C. Silesii from south Utah (Kanab)

It is time that I take up Cacti — but when? In 4 weeks I hope to sail! But you must not conclude from this that my health is restored; on the contrary, I ask me whether it is prudent to undertake such a voyage; but as my children go, and as I want to see relations and friends once more, I am also going — over to come back??

I have been a week in the country, in this beautiful month of May; it did me some good, but not enough —

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George will return here by Oct 1st and I am building a fine elixir for him on the back part of the lot. He is very busy, more than is good for him.

The question will arise, in Europe, whether I shall come back with him to expose myself to another St Louis Winter or remain in Europe (– Italy?) but all that is far off yet.

Expect to leave here about 15th Jan so don't be slow in writing; will give you my European address later.

I have been discussing Cyphella with Watson and he has given in in most points – especially about the 2 fleshy fruits South eastern one, E. antisyphilitica and pedunculata which he had united before. But Cupressus is in status quo yet; I believe I know the species: macrocarpa, Goveniana, Mackibeni (mostly misunderstood) Arizonica & Guadalupensis (Orcutt sends me a fine grey trunk sketch) but I could hardly define the characters. —

I have not heard from Gray for months, suppose he is busy with Compositae yet; it is a hard lot!

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Let me hear from you soon

Yours ever

F. Engelmann

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MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

GEO. ENGELMANN, M. D.
3003 *Locust Street.*

New York
~~St. Louis~~, Mo., June 21 1883

Dear Parry

There was no time in St Louis to answer your letter, rec'd about a week ago. As soon as I could do some intelligent work again I had to work up the Vitis according to a promise of long standing. That was finished about a week before I left, and then came a paper on St Louis Meteorology, which had been prepared since a long time but had to be finished, and that took me actually to the last day of my stay in St Louis, last Sunday. But now I am at liberty, & and my heart; to this liberty, however, seems to be no boon; it dont take the trouble to beat more than once when a good loyal heart ought to beat at least twice — well, I can not help and must bear it and its consequences.

I had given Watson a synopsis of my Ophedra and I believe have written to you about it also — he only used for the present the two Texan ones, which he agrees are distinct and a Mexican new one, which Gregg and Palmer got. The others, he said, he had no immediate use for, but thought he would adopt.

Sargent had half and half promised to come and see me here and work on the woods — but he failed to make his appearance, is going North West to meet Pumpelly. And it would not have been of much use, for I was yesterday in the Museum and found most of the woods crowded in corners, that it would have been next to impossible

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to pick them out and examine them without the aid of a couple of stout laborers, and as the man, who has them in care, was away in Nova Scotia nothing was done. The few I could examine outside, are splendid specimens — probably none finer in any collection but not yet fully prepared. (not yet seen him)

I have communicated with "Marker" and he will come here this afternoon and take me to his rancho. I recollect your warning, not to go to Staten Island, but will try, nevertheless. May report to morrow!

The new vine, which I may have mentioned as having been found on the banks of the Mississippi, turns out to be the old almost unknown Vitis palmata Vahl (1794) a good rediscovery.

We sail Saturday morning on the Antwerp Steamer.

My address is: Mad. Vonden Velden, 20 Mylius Str (my sister) Frankfurt a/M Germany

Write soon and keep me advised

Gray says he is nearly through with Cichoriaceae — then comes revision of Asters again and again!! before ready to print.

I have with yours a letter from Lemmon — he seems broken down — physically, mentally? and probably pecuniarily? How about Amabilis? If you see them remember me to them. Of Greene I hear nothing. Is there an estrangement since the Cupressus Arizonica affair? Remember me to Dr Behr most cordially and to his dear Wesley.

22d Just back from Nassau — All nice and good and instructive there, which means, as you do not seem to understand this foreign word, that I have learned a good deal. And now for repacking and then on board, for we sail early to morrow morning to improve the chances of the tide. Remember me to Mrs Perry and to all friends

Yours truly

J Engelmann

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Frankfort Jm Aug 18 1883

My dear Parry (Answ'd Sept 17th)

Is it not strange that I do not hear from a single American Correspondent since the 6 weeks I am in Europe? You Too have got lazy – and I feel almost as if I would leave my bones in this old world and not com back at all. But then, I consider that to a busy man 6 weeks is a short time, well filled and that he may hardly find time to think that others could miss a charming letter.

I had a good time on the Atlantic and landed in 10 days in Antwerp. Went to Berlin where I spent two weeks profitably and as far as it goes pleasantly, but the immense city with its many claims on the traveller and its sickly fin-institutions impaired my health considerably. And the weather was wet and cold. So I went to friends, "summering" in the Black Forest (near Baden – Baden) 50° F. got worse – went to Strasburg where the splendid new University and especially Prof de Bary, the eminent

but very cautious mycologist, (who does not "rush in" like some of our "fools") attracted me; the Prof was very kind; Farlow is a good student of his and trust worthy.

Now I am among old friends and relatives, but contrary to former plans, which were to go to Rome, Paris, Naples, etc and return next spring, I have taken passage for Sept 10th and expect to be in New York at the

Grand Hotel,

Corner 31st & Broadway

by Sept 20 or 21st where I hope to meet with a letter from you

In New York I saw Thurber and spent a night with him — not as disappointed as you predicted I would be, but quite pleasantly with him and his brother in law.

The woods in the Museum are scarcely visible and not studyable as yet; I could not find your Abies bracteata!

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perhaps it is not there!

My health is getting worse, and I only hope that I will get home alive and will be able to do some work yet for a year or so.

Last attempt to astonish the natives in Europe!

Give it up as a bad job!

And what are you doing?

Give me a full account of yourself and your California friends and tell me of your plans.

What have you done in botany?

Has Rattan studied the Roses as he proposed to do?

I should like to have a few days or weeks with you

And Lemmon, how are they?

But enough; this is to elicit a few lines from you!

Yours truly

J. Engelmann

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GEORGE ENGELMANN PAPERS

HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

Octob 3d 1883

My dear Parry

If I send you this check without any thing else on it, you will know that I am with Gray. Why, therefore, take the trouble to write another word? Yes, why? Can you tell?

I was with Sargent till this morning moderately busy in tree-botany. But I have not told you yet of my ocean trip and that as soon as I neared Antwerp I began to improve, was another man on shipboard and have improved ever since — in fact I am better than I was a year ago, when I met you in Davenport. My last letter must have seemed to you very lugubrious and to me it now seems ridiculous, but I assure you, that I felt miserable enough. Well, I hope that is over, for a long time to come yet.

But my miserable condition prevented me to do much in Europe and drove me prematurely back here. Don't it seem absurd, that I went to Europe and

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did not go to Paris, London or Geneva? Well, as I concluded to become from a Pessimist, which Sargent says, I was, an Optimist, I suppose it was and is all for the best. If that is not christian meekness I do not know what is.

Gray is not as well as I wish he was, a bad cold is hanging on but he works at Sakers, giving them a final revise and will soon begin to print, he says.

He had a letter from Bolander today, from Portland where he will eke out a living this winter by teaching German and wishes to enter Villard's service in one way or another. It seems that Bolander turned up here a year ago, went to Texas, thence to California, where you heard of him, was then in Victoria and is now in Portland. What has become of his family?

I don't know whether I have answered your letter from San Francisco, including the Androsonella; I have had no opportunity to examine it — will do it when I get home — did not care then, whether Androsonella was a plant or a worm

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or Father Perry was gleesome or grumbling!

I again spent a night with Thurber and recollected your warning but was very comfortable there, saw a good many nice plants in the grounds and ate as many grapes from the vines as I cared for. But I am afraid Thurber will never do the Grapes, and Scribner and Vasey will take the work from him though he may be much more competent.

Now, if you care to have another line from me before I reach home you must write at once — directed here. Otherwise I hope to be home in Ten days or so.

Green has sent here the new? Sparganium Californicum — gigantic — leaf (actually measured by me) 9 feet long! But I do not know how he can distinguish it from Eurycarpum, in his letter he says it is quite distinct, but does give the character and I can not find them without his help.

He tells me that McCauley makes a poor show with Mexican plants — I have not heard what Gray says.

Well — talk enough! Remember me to your wife — and also to the Putnams.

ever yours

S Watson

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Geo. Engelmann, M. D.
3003 *Locust Street.*

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GEORGE ENGELMANN PAPERS

St. Louis, Mo., Oct 27 1883

Dear Perry

I am indebted to you for a good letter I got in Cambridge, and now I have another one this morning, which puts me to shame.

My health is about as good as it was a year ago and I ought to go to work arrange my herbarium, distribute oak & pine duplicates and work up Cacti. Will all that be done? At present I am cramped, because the new building for George is not yet finished and having given up his office in town, he occupies now mine; but I hope in 3 weeks to get full possession of my premises. I need compare that I do not yet feel like hard work — the legacy of my sickness and the do nothing rest of my voyage still stick to me, though in the industrial activity at Gray's I ought to have imbibed a love for work. I persuade myself that all that will come with a rest — May be, may be not! —

I hope you will arrange that you can stay with us, when you go east, and spend a few days here.

Among the many things which I found here on my arrival, was a package from Rattan with Rosa spithamea & fine specimens

common, he says, over 40 miles. Have you seen him? His letter is dated July — Watson has not yet touched the Roses — has all my Roses there.

Found also a letter from Bolander, Portland, where his has a place as German teacher; wishes Willard to employ him.

Parish & wife I met at Gray's. There I also saw Oersted & Liebmann's work on Oaks. Oersted has anticipated me in a good many points; I ought to have known the work before my publication.

Saw also Hemsley; the last number stops in Compositae; he has my Juglans and Carya which I drew up in your shanties under difficulties.

Will send you shortly my Vitis paper, which was finished in a hurry before I left in June and is now ready for distribution.

I see Sonne has published his Cercus mantica without giving you credit for finding out the genus. Why do you think it differs from Cercis phoenicaceus, and how?

Gray talks, about going to Mexico next spring and I to go with them, and then to Calif.; but I guess it is all talk; though he just now commences positively, he will not be through in time, I fear. I make no plans to travel alone, would go only in good company — Have seen or heard nothing of Canby. — So you relieve me of the study of Androsaella by making it a Cypselea.

You say nothing of the ~~Darrow~~ Patman's; how are they?

Regards to your wife and your family (sister etc). Come soon!

Yours ever G Engelmann

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GEORGE ENGELMANN PAPERS

St Louis Dec 15 1883

My dear Parry

is it really so, that your letter of Oct 31 is not yet answered, as yours of day before yesterday, recd this morning, seems to indicate. Well, I suppose I had not much to say.

To say the truth I feel well enough, but not active and energetic; my asthmatic affection still troubles me not when I am quiet, but as soon as I move briskly. It requires some particular stimulus to set the old clockwork going and your old rosepil is not such a stimulant. Orcutt works better on me; his Cacti, sent the other day, started up that inveterate gallop again and I believe he has validated our (yours) old Ech. cylindraceus — sending spines, fl and fruit, and description

Still there is such a close alliance of the Cactus species as there is among the genera or what we call so, and it is difficult to say which is which or rather how the forms can be kept apart. It is not cylindraceus and viridiflorus but Cyl. Lowii, Orcutti (this new one) wislizeni, Emoryi and one or two other forms. All what I can now do is to

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describe the forms, and let future explorers determine their status.

Brandt also sends Pl. of Agave deserti and Bigelei; I can find no difference between them, except that the latter are a very little smaller. —

I believe I told you that I had a letter from Bolander from Portland. I answered him kindly, ignoring what had been said about him, perhaps speaking of his refuge in Guatemala — I was lately astonished and indignant in getting his answer, in which he speaks of the persecutions in San Francisco, implicitly especially Dr Behr, evidently presuming on my good nature, ignorance and credulity. I have not had the heart to answer him — may do so, ignoring the old affairs.

If you have any funeus fors me to straighten out, I am ready — or Cusonetia. Sachs dorf sent me C. tenuiflora the other day — first time that this species comes from the Pacific coast. But if a fellow sends me lots of poor Desmodiums as somebody did the other day — I am not there!

Another one asked me to name plants for him; I answered, yes, I would, he should send on, provided the specimens were good — they never came!!

So you go or have gone over Antoltaph — Good! But keep in mind that the old A. Uva Ursi has been long ago split into several species on account of free or connate achenes or nutlet stones — when it was found that the species varies in this respect — so, this dont seem to be a very important character.

Nothing to be made of Dreutt's Rose — has he no specimens? It may be nothing but California, but who knows — or if I was such a capital spanish scholar as you I would say: quien sabe

Charles Fruitson, is good! I see you are not downed by Gray's objections; nor ought you to be. I find on the other hand, that Gray is more given to make or allow new species on slight grounds than he was formerly — Perhaps that is in keeping with the presently prevailing Darwinian views. I do not object.

He gives Olson perfect liberty in this respect but makes occasionally individual remarks — e.g. that he would find it

* Another one asked me to name plants for him; I answered, yes, I would, he should send on, provided the specimens were good — they never came!!

× That Rattlesnake Root was the Rosinweed — Silphium Perfoliatum

difficult to recognize his species & despairs etc himself — or something to that effect.

I doubt wonder Bigelow declined to work for S. Hope he will pass through here; hard from Gray he was going to Mexico.

Now you have here a long passmodic effort — after which I will probably relapse into silence!

My first work is now to settle as far as I can the Morphology of the Conferva fem.-flower, with figures. Then the great reorganization of the Cacti will be in order — but whether zeal and energy will last to carry me through remains to be seen. I am afraid my friends will say: a lazy, indolent, good for nothing old fellow! — Yes, I am sure will come very near to that conclusion

Happy Christmas to all of you and our friends in Davenport, with and without elephantine hipes!

Yours ever

G. Engelmann

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